



H.O.P.E. Grant Application Form 2014-2015

Completed applications should be submitted along with the H.O.P.E. Grant – Application Detail Form to the H.O.P.E. mailbox (heyworthhope@gmail.com) at least 2 weeks prior to the H.O.P.E. review meeting.

Applicant Name(s): Wendy Hadden

Project/Proposal Title: I would like to purchase materials in order to set up and incorporate a guided math and literature-based approach to teaching math. I would like to purchase math teaching materials, manipulatives, games, teaching resource books, and children's literature books to use and incorporate into my math classroom. These will help me to incorporate more hands-on, motivating activities during math class. I will also use them to set up a math workshop approach, which will allow me to more fully differentiate my math lessons based on the needs of my specific students. I will work individually and in small groups with students in order to target and teach math skills based on specific student needs. While I am working with individuals and small groups, the other students will work in math learning centers that will allow practice and reinforcement of specific math skills.

Target Audience: Second grade students in my classroom.

Number of Students Benefitting: All of the materials that I am ordering are non-consumables. They will be used with all students in my class throughout the entire school year. These materials will be used every year as a supplement to my math curriculum, which will benefit a large number of students.

School Year: Beginning next school year, 2015-2016, I will incorporate these into my math curriculum every year. If I receive the materials this year, I will begin using some of them at the end of the current school year.

Total Dollar Amount of Request (note cap of \$750 for individual classroom needs, \$2,500 for grade level or school-wide programs): \$750. I am ordering almost all of the materials through Amazon, so the price fluctuates a little bit daily. If I am awarded the amount requested, and if the total exceeds \$750 when I order, I will make up the difference with personal funds.

Applicant Signature(s) & Date: Wendy L. Hadden, 4/8/15

Wendy L. Hadden 4-8-15

Principal Signature & Date:

B.P. Pica 4/8/15

Director of Technology Signature (if applicable) & Date:

****To Be Completed by H.O.P.E. Exec Board****

Date of H.O.P.E. Review Meeting:

Date Invoice Received:

Approved/Denied (Score):

Date Payment Provided:

Comments:



H.O.P.E. Grant – Application Detail

The goal of H.O.P.E.'s grant program is to enable supplementary financial support to Heyworth Elementary staff for the end benefit of student education/enrichment. The below questions should be completed to provide a more detailed description of the grant request. The application form should not exceed one typed page. Completed applications should be submitted along with the Grant Request Application Form to the H.O.P.E. mailbox (heyworthhope@gmail.com) at least 2 weeks prior to the H.O.P.E. review meeting. Completed applications will be made available to H.O.P.E. Membership prior to the review meeting and copies will be on hand at the meeting for additional review prior to voting.

1. Describe the proposed need/project/program and the objectives it would accomplish.

I am interested in using a guided math approach to teaching math, which would include adding specific manipulatives and games for teaching purposes and for my learning centers. In a guided math approach, in addition to whole class teaching, students work in small groups on specific math concepts. While students are working in small groups, I (the teacher) am able to work with individual students and small groups of students on specific math skills that are planned to meet their specific needs. I have found this approach to teaching math to be very motivating to students. All students are active and engaged in specific math learning activities during math class. Besides being motivating and engaging to students who are working in small learning groups, a more important benefit is that I am able to work with individual students and small groups of students on targeted math skills and concepts that address specific needs. In this manner I am able to truly differentiate my math curriculum in order to best meet the needs of all of my students.

In addition, I also incorporate children's literature into my math curriculum to introduce and teach specific math concepts, which would then carry over into the math workshop learning activities. Many of the books that I read-aloud to students during math class not only help to introduce the concept and skills being taught, but they also show math being used in real-world situation. This is important for students to realize and make the connection that the skills they are learning during math will be used and applied in their own lives.

2. What is the estimated cost of the project/program? Please summarize and attach itemized list.

The estimated cost is \$750. The amount will vary a little, as most items will be purchased through Amazon (the prices fluctuate daily). I have attached an itemized list, which includes math manipulatives, games, children's

literature (math), and teacher resource books. If the total cost is slightly over \$750 on the day that I order, I will make up the difference with personal funds.

3. Who and how many would benefit from this project/program? What would be the impact on students/staff?

My entire class of second-grade students would benefit from this every year. The items that I am ordering are all non-consumables, so they can be re-read and re-used for years to come. All books, manipulatives, and resources will also be used throughout the entire school year.

As a teacher and a parent, I recognize that students are much more interested and involved in the learning process when they are active and hands-on in the classroom. Incorporating a guided learning approach to teaching math will be motivating and hands-on for students. It will also allow me to work individually or with small groups of students in order to differentiate their math instruction directly to the needs of individual students. While I am meeting with individuals or small groups of students to directly teach to their specific needs, the rest of the students will be actively engaged in hands-on, motivating learning activities. It will take time and experience to fully implement math workshop in my classroom, but these are all manipulatives, books, and resources that will be useful and motivating in a whole group setting as well. I have found that any type of hands-on, student-centered learning activities and experiences are extremely motivational to students, allowing them to really become involved and immersed in the learning process.

Really Good Stuff

- 100-Grid Dry Erase Boards (set of 6) $\$24.64 \times 4 = \$98.56 + \$10.95 \text{ S\&H} = \109.51

Amazon

Manipulatives, Games, and Teaching Materials

- Giant Magnetic Array Set \$14.11
- Giant Magnetic Ten-Frame Set \$16.48
- Giant Magnetic Base Ten Set \$21.99
- Tri-facta Gama \$14.49
- Mathological Liars Game \$11.91

Teacher Resources and Reference Books (These include many lessons, activities, games, etc. to be used with students during math class. They include math lessons and activities for whole group, small groups, and individuals.)

- Math Exchanges \$22.86
- It Makes Sense! Using Ten-Frames to Build Number Sense \$26.53
- It Makes Sense! Using the Hundreds Chart to Build Number Sense \$29.23
- Number Sense Routines \$21.85
- About Teaching Mathematics \$43.43
- Math and Literature \$25.96
- Common Core Math in Action \$19.86
- Math Play \$16.16

- Math Games for Independent Practice \$28
- Guided Math in Action \$33.20
- Strategies for Implementing Guided Math \$61.60
- Hundred Board Book \$12.31
- Practice, Assess, Diagnose: 180 Days of Math \$17.99
- Nimble with Numbers gr. 1-2 \$17.09
- Nimble with Numbers gr. 2-3 \$15.69

Children's Literature Math Books

- Betcha! (estimating) \$5.99
- The Penny Pot \$5.99
- Shark Swimathon \$5.99
- Safari Park \$5.99
- Lemonade for Sale \$5.99
- All in a Day \$6.97
- Counting on Frank \$16.80
- Centipede's 100 Shoes \$13.50
- The Greedy Triangle \$6.99
- Only One \$12.63
- Jim and the Beanstalk \$6.97
- The \$1 Word Riddle Book \$12.72
- Measuring Penny \$7.99

- Spaghetti and Meatballs for All \$6.99
- Keep Your Distance \$5.95
- Sam's Sneaker Squares \$5.95
- Tally O'Malley \$5.99
- Counting Our Way to the 100th Day \$14.61
- More Than One \$4.15
- Lemonade in Winter: A Book About Two Kids Counting Money \$13

Total: \$751.41

I realize the maximum amount awarded per teacher is \$750. Amazon prices fluctuate on a daily basis, so the final amount will be right around \$750. If awarded the entire amount that I have requested, I will make up any difference above \$750. Thank you for your consideration!